

IN THE CLAIMS

Please cancel claims 1-23, 38-54, and 63-93 without prejudice.

Please amend claims 24 and 35-37 as follows below.

The following is a complete listing of the pending claim in this continuation patent application.

MARKED UP PENDING CLAIMS

1 1-23. (Cancelled)

1 24. (Currently Amended) A fiber optic module
2 comprising:

3 a nose receptacle including
4 a fiber optic cable receptacle to receive one
5 or more fiber optic cable plugs,
6 a lever-actuator to release the fiber optic
7 module from a cage assembly using a rotational
8 action;

9 a second actuator coupled to the lever-
10 actuator pull-actuator, the second actuator to
11 release a keeper from a latch to release the fiber
12 optic module in response to a rotational action on
13 the lever-actuator;

14 and

15 a printed circuit board including one or more
16 electro-optic transducers to convert optical signals into
17 electrical signals or electrical signals into optical
18 signals.

1 25. (Original) The fiber optic module of claim 24
2 wherein,
3 the fiber optic module is a small form pluggable (SFP)
4 fiber optic module and the cage assembly is a small form
5 pluggable (SFP) cage assembly.

1 26. (Original) The fiber optic module of claim 24
2 further comprising:
3 a housing to couple to the nose receptacle and cover
4 the printed circuit board.

1 27. (Original) The fiber optic module of claim 26
2 wherein,
3 the housing is shielded to protect the printed circuit
4 board from electromagnetic interference.

1 28. (Original) The fiber optic module of claim 24
2 wherein,
3 the lever-actuator includes one or more pins to
4 rotationally engage the nose receptacle.

1 29. (Original) The fiber optic module of claim 24
2 wherein,
3 the lever-actuator includes one or more holes to
4 rotationally engage the nose receptacle.

1 30. (Original) The fiber optic module of claim 24
2 wherein,
3 the second-actuator slides to release the fiber optic
4 module from the cage assembly.

1 31. (Original) The fiber optic module of claim 24
2 wherein,
3 the second-actuator includes
4 grooves to slideably couple the second-actuator to the
5 nose receptacle.

1 32. (Original) The fiber optic module of claim 24
2 wherein,
3 the second-actuator includes
4 rails to slideably coupled the second-actuator to the
5 nose receptacle.

1 33. (Original) The fiber optic module of claim 24
2 wherein,
3 the lever-actuator includes
4 an orientation indicator to indicate the fiber
5 optic module which the lever-actuator releases.

1 34. (Original) The fiber optic module of claim 24
2 wherein,
3 the lever-actuator includes
4 a pull-arm.

1 35. (Currently Amended) The ~~lever-actuator fiber optic~~
2 module of claim 34 wherein,
3 the pull-arm is a semi-circular ring.

1 36. (Currently Amended) The ~~lever-actuator fiber optic~~
2 module of claim 34 wherein,
3 the pull-arm is a rectangular ring.

1 37. (Currently Amended) The ~~lever-actuator fiber optic~~
2 module of claim 34 wherein,
3 the pull-arm is a tab.

1 38-54. (Cancelled)

1 55. (Original) A fiber optic module comprising:
2 means for converting optical signals into electrical
3 signals or electrical signals into optical signals; and
4 means for disengaging the fiber optic module from a
5 cage assembly by rotating a lever-actuator.

1 56. (Original) The fiber optic module of claim 55
2 further comprising:
3 means for withdrawing the fiber optic module by pulling
4 on the lever-actuator.

1 57. (Original) The fiber optic module of claim 56
2 wherein the means for disengaging also provides a means for
3 withdrawing.

1 58. (Original) The fiber optic module of claim 55
2 further comprising:
3 means for pivotally disengaging the fiber optic module
4 from a cage assembly when the lever-actuator is rotated.

1 59. (Original) The fiber optic module of claim 55
2 further comprising:
3 means for coupling the disengaging means to the fiber

4 optic module.

1 60. (Original) The fiber optic module of claim 55
2 further comprising:
3 means for indicating the fiber optic module which the
4 disengaging means releases.

1 61. (Original) A method for disengaging and withdrawing
2 a fiber optic module from a cage assembly comprising:
3 rotating a lever-actuator to disengage the fiber optic
4 module from the cage assembly; and
5 pulling on the lever-actuator to withdraw the fiber
6 optic module from the cage assembly.

1 62. (Original) The method of claim 61 further
2 comprising:
3 releasing the lever-actuator if the fiber optic module
4 has been released from the cage assembly.

1 63-93. (Cancelled)